

# Boqian Li

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## EDUCATION

### Huazhong University of Science and Technology

B.Eng. in Electrical Engineering (Biomedical Engineering)

Wuhan, China

Sep 2020 – Jun 2025

- GPA: 4.52/5.0 | Average Score: 90.7
- Rank: 1/54

## PUBLICATIONS

### ETCH: Generalizing Body Fitting to Clothed Humans via Equivariant Tightness

Boqian Li, Haiwen Feng<sup>‡</sup>, Zeyu Cai, Michael J. Black, Yuliang Xiu<sup>†</sup> (<sup>‡</sup> group lead, <sup>†</sup> corresponding author)

▷ International Conference on Computer Vision (ICCV) 2025 (Highlight Paper, Top 8.9%)

### GarmentDreamer: 3DGS Guided Garment Synthesis with Diverse Geometry and Texture Details

Boqian Li\*, Xuan Li\*, Ying Jiang\*, Tianyi Xie, Feng Gao, Huamin Wang, Yin Yang, Chenfanfu Jiang (\* equal contribution)

▷ International Conference on 3D Vision (3DV) 2025

### UP2You: Fast Reconstruction of Yourself from Unconstrained Photo Collections

Zeyu Cai, Ziyang Li, Xiaoben Li, Boqian Li, Zeyu Wang, Zhenyu Zhang<sup>†</sup>, Yuliang Xiu<sup>†</sup> (<sup>†</sup> shared corresponding author)

▷ Under Review, 2025

### ETCH-X: Robustify Body Fitting to Any Clothed Human Scans with Simulated Garments and Pose Libraries

Xiaoben Li, Jingyi Wu, Zeyu Cai, Siyuan Yu, Boqian Li, Yuliang Xiu<sup>†</sup> (<sup>†</sup> corresponding author)

▷ Under Review, 2025

## EXPERIENCE

### Geometry, Vision, and Learning (GVL) Lab at USC

Research Intern (Advisor: Yue Wang)

Los Angeles, USA

Oct 2025 – Present

- Research Topic: Vision-Language-Action (VLA) models for Humanoid Robot Control

### Endless AI Lab at Westlake University

Research Intern (Advisor: Yuliang Xiu)

Hangzhou, China

Jul 2024 – May 2025

- Research Topic: 3D Human Pose Shape Estimation and Representation
- Publications: ETCH, UP2You

### Artificial Intelligence & Visual Computing Lab at UCLA

Research Intern (Advisor: Chenfanfu Jiang, Yin Yang)

Los Angeles, USA

Nov 2023 – May 2024

- Research Topic: 3D Garment Synthesis, Diffusion-Based Generative Models, Texture Reconstruction, 3D Gaussian Splatting.
- Publication: GarmentDreamer

### Cognitive Computing and Intelligent Information Processing Lab at HUST

Research Intern (Advisor: Wei Wei)

Wuhan, China

Sep 2022 – Feb 2023

- Research Topic: Debiased Visual Question Answering Model

## INVITED TALKS

### Clothed Human Body Fitting: A Journey to ETCH

Qingke Talk, Episode 72 ↗

Aug 2025

Online

## HONORS & AWARDS

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<b>National Scholarship</b>	Dec 2022
- <u>Top 0.2%</u> nationally, China's highest undergraduate honor	<i>Huazhong University of Science and Technology</i>
<b>Outstanding Undergraduate</b>	Apr 2022
- <u>Top 1%</u> university-wide, the greatest honor for undergraduates	<i>Huazhong University of Science and Technology</i>
<b>All-Round Excellence Student</b>	Jan 2023
- <u>Top 5%</u> university-wide	<i>Huazhong University of Science and Technology</i>
<b>All-Round Excellence Student</b>	Dec 2021
- <u>Top 5%</u> university-wide	<i>Huazhong University of Science and Technology</i>
<b>Academic Excellence Scholarship</b>	Apr 2021
	<i>Huazhong University of Science and Technology</i>

## ACADEMIC SERVICE

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**Conference Reviewer:** CVPR 2026

## TECHNICAL SKILLS

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**Languages:** Python, C/C++, Matlab, C#

**Libraries:** Pytorch, TensorFlow, Scikit-Learn, OpenCV, Pandas, NumPy, Matplotlib